



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

In Reply Refer to: 3AP20

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Cliff Stanley, EHS Specialist  
General Dynamics Mission Systems, Inc  
Plant 1  
150 Johnston Road  
Marion, VA 24354

Re: General Dynamics January 19, 2018 Major Source Reclassification Request for General Dynamics Mission Systems Inc., Marion, Smyth County, Virginia.

Dear Mr. Stanley,

This is in response to your letter dated January 19, 2018, formally requesting a determination of whether the General Dynamics Mission Systems, Inc., (General Dynamics) Plant 1 in Marion, Virginia, continues to be subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Aerospace Manufacturing and Rework in 40 CFR Part 63 Subpart GG, and for the Surface Coating of Miscellaneous Metal Parts and Products in 40 CFR Part 63 Subpart MMMM. According to your letter, General Dynamics Plant 1 was a major source and, therefore, subject to 40 CFR Part 63 Subparts GG and MMMM due to potential hazardous air pollutant (HAP) emissions of methyl ethyl ketone (MEK). Additionally, because the Environmental Protection Agency (EPA) delisted MEK from the list of Clear Air Act Section 112(b)(1) HAPs in 2005 (seven years after the compliance date for 40 CFR Part 63 Subpart GG and three years before the compliance date for 40 CFR Part 63 Subpart MMMM), General Dynamics states that it no longer meets the definition of major source of HAPs and is requesting a formal determination regarding whether the Marion facility remains subject to 40 CFR 63 Subparts GG and MMMM. In support of this request, General Dynamics has submitted a summary of the historic emissions inventory from 1998 to 2016 as well as the current emissions profile for all volatile organic compounds (VOC) and HAPs plantwide from 2011 to 2017. The emissions data reported in the attachments showed the actual emissions at the facility for each year; however, EPA the definition of "major source" in 40 CFR 63.2 requires that EPA also make major source and minor source classifications determinations based on the total potential to emit of all HAPs plantwide, not just actual emissions. Therefore, EPA requested General Dynamics to provide the potential to emit of all HAPs and VOCs for the facility as of the compliance dates of 40 CFR Part 63 Subparts GG and MMMM.

The environmental contractor for General Dynamics contacted EPA Region 3 Office of Air Enforcement and Compliance Assistance (OAECA) and explained that General Dynamics would be unable to make the historic potential to emit calculations. General Dynamics would seek reclassification as a minor source by a different means. On January 25, 2018 via memorandum titled, "Reclassification of Major Sources as Area Sources Under Section 112 of the Clean Air Act" issued by William L. Wehrum ("January 2018 guidance"), EPA rescinded the memorandum dated May 16, 1995 titled "Potential to Emit for MACT Standards – Guidance on Timing Issues" issued by John Seitz ("Once in Always In"). EPA does not currently have a method for re-classifying impacted facilities affected by the January 2018 guidance. EPA expects to publish rulemaking and guidance in Winter 2018. At that time, General Dynamics can resubmit its request for classification taking into account the new rule and guidance.



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If you have questions regarding this determination, please contact James Riggs, Physical Scientist, of EPA Region 3's Office of Air Enforcement and Compliance Assistance at (215) 814-2238 or [riggs.james@epa.gov](mailto:riggs.james@epa.gov).

Sincerely,

Cristina Fernandez, Director Air  
Protection Division

cc: Crystal C. Bazyk, VADEQ,  
Southwest Regional Office Air Compliance Manager  
355 Deadmore Street, Abingdon, VA 24212